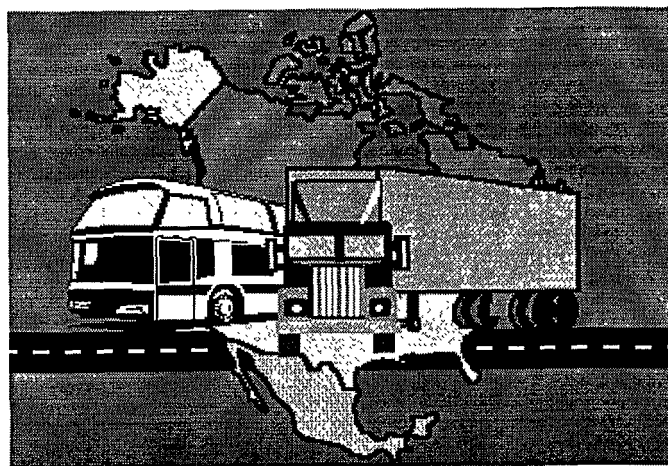


Washington / Oregon CVISN Accomplishments and Plans



Washington / Oregon CVISN Pilot Objective

Objective: Demonstrate the following at a few sites for a portion of the truck and motor coach industry:

Provide efficiencies to State and Motor Carrier operations.

- Electronic application and issuance of credentials for motor carriers.
- Interfacing of state systems to the International Registration Plan (IRP) clearinghouse.
- Interfacing of state systems to the International Fuel Tax Agreement (IFTA) clearinghouse.
- Electronic clearance at fixed and/or mobile sites based on predetermined criteria.

Improve CVO Safety

- Distribution of safety information to computers at the roadside to target high risk carriers.
- Electronic collection of inspection and other data from the roadside and uploading to SAFETYNET.
- Use of license plate reader(s) at roadside to electronically identify commercial vehicles and carriers to check safety information.
- Electronic application and issuance of state and regional oversize/overweight permits.

Washington / Oregon

Project Administration Accomplishments

- ◆ Completed draft project plans
- ◆ Held WA work plan workshop (OR scheduled for 04/29 - 05/01)
- ◆ Designed / ordered CVISN caps and mugs
- ◆ Selected West & NW consortium mainstreaming champions
- ◆ WA ITS/CVO business plan preparation on schedule for 06/97 completion
- ◆ Started WA CVISN feasibility study

Washington / Oregon

Key Impacts of WA Feasibility Study

- Value added to the decision-making process based on results of planning and design efforts
- Supports funding requests
- Introduces the concept of time value of money (cost/benefit analysis)
- Provides formats for clear and concise cost and benefit rationale

Washington / Oregon

Components of WA Feasibility Study

- The feasibility study builds on analyses and information already collected - Project Definition, Requirements Analysis, General Design, etc.
- Background and needs assessment
- Objectives - Problems solved, service delivery enhancements, response to statutory requirements
- Impacts - Inter-agency, intra-agency, programs, customers
- Organizational Effects - Training needs, job content, structure
- Conformity with Agency Strategic Plan - How it supports strategic focus, effect on technology infrastructure
- Project Management and Organization - Roles and responsibilities, decision-making process, management qualification, project team organization, quality assurance
- Estimated Timeframe and Work Plans - By project phase, entire project

Washington / Oregon Credentials Accomplishments

- ◆ Held preliminary meetings with CAT vendors (IDT, RSIS, & Inmotion)
- ◆ Acceptance testing of OR IFTA system (Polk) near completion
- ◆ Began work on Systems Requirements Document for OR IRP replacement system
- ◆ WA OS/OW system development on schedule for 06/97 pilot test

Washington / Oregon Roadside Accomplishments

- Let OR transponder administrator Request For Proposal
- Ordered 12,500 transponders (3,500 have been delivered)
- Completed retrofit of two (out of six) OR electronic clearance sites
- OR Woodburn POE electronic clearance install 75% complete
- WA Ridgefield POE electronic clearance install 80% complete
- Contract with FHWA in place to deploy DSRC at WA Pacific Highway Crossing (provides pre-arrival information for container clearance) and electronic clearance at WA Bow Hill POE

Washington / Oregon Safety Accomplishments

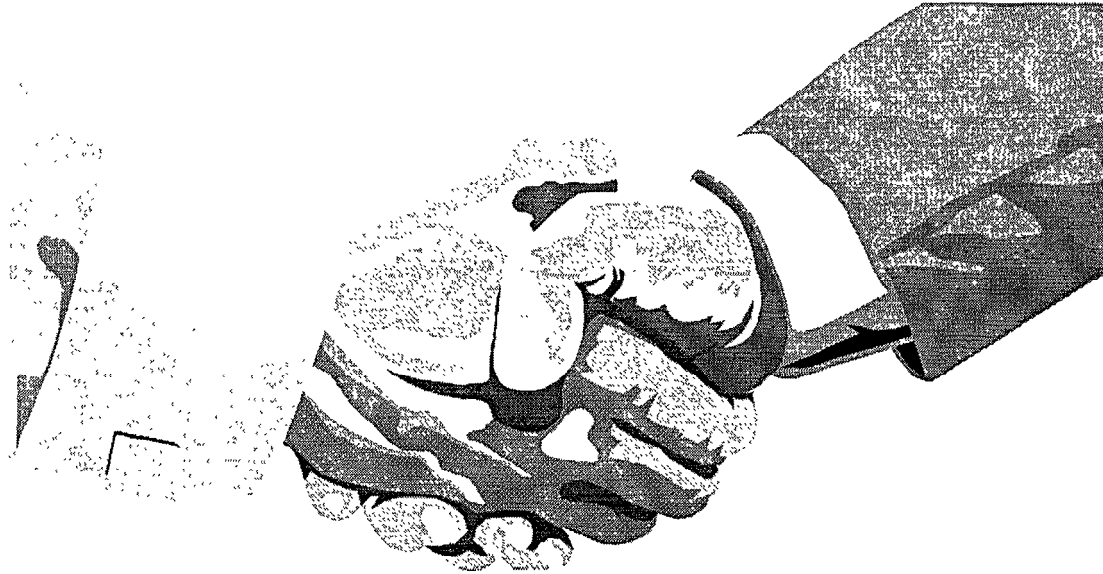
- ◆ Deployed 100 pen base computers in OR
- ◆ Deployed 300 Mobile Computing Network (MCN) PCs in WA
- ◆ Deployed 50 pen base computers in WA

Washington / Oregon Major Project Issues

- People - - State resources needed to develop and deploy CVISN components are not available
- Trust - - Carrier skepticism
- Approval - - Legislative approval of CVISN Program Option Package
- \$\$\$ - - Cost of deployment, flow / availability of funds from FHWA
- Schedule - - **REAL** completion dates for infrastructure components such as IRP and IFTA clearinghouses, CI, and CVIEW
- Evaluation - - What is the role of the FHWA evaluation contractor?
- Coordination - - Orchestration of activities between Washington and Oregon

Washington / Oregon

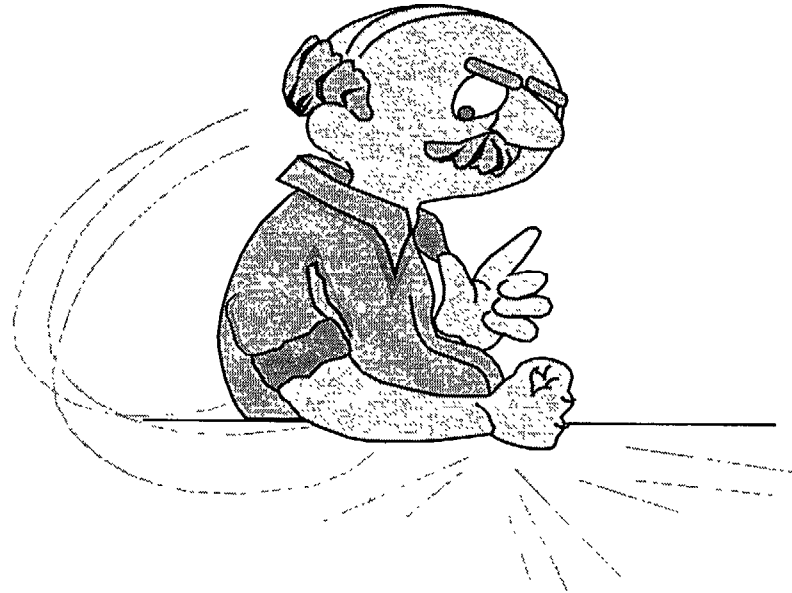
The Geographics of Partnering



- Decide who is on the team
- Get you arms around the team
- KEEP your arms around the team (herding)

Washington / Oregon

Reaffirmation of Agency Commitment



- Maryland experience - - Is it a virus?
- States with multiple agency involvement in CVO
- Written reaffirmation

Washington / Oregon Major Technical Issues

- Legacy Systems - - Replace existing OR IRP and IFTA systems
- Direction - - Strategy to be used to replace or modify current OR OS/OW permitting system
- Cost Estimates - - Assistance in developing costs related to modification of CVISN core infrastructure for use in WA/OR
- Communication - - AVALANCHE role and usage with CVIEW and SAFETYNET
- Standards - - Proposed DSRC standards versus current / future WA/OR implementation direction
- Verification - - Electronic verification of HVUT from IRS.
- Functionality - - Technical and functional specifications for infrastructure components such as CVIEW, SAFER and CI

Washington / Oregon Other Issues

- USDOT # - - Issuance of USDOT numbers to intrastate carriers
- EFT - - Banking infrastructure and state statutes (that prescribe what banks Oregon can transact business with) will not support EFT
- Safety - - “Nationwide” safety bypass criteria
- Interoperability - - Ability for motor carriers to participate in “all” electronic clearance programs with a single transponder

Washington / Oregon Project Administration Plans

- Finalize project plans
- Develop work plans
- Complete Memorandum of Understanding
- Hold West & NW consortium interoperability workshop
- Complete WA CVISN feasibility study
- WA ITS/CVO business plan preparation on schedule for 06/97 completion

Oregon CVISN Pilot

Phase Capability and Milestone Summary (Part I)

1996				1997											
O	N	D	J	F	M	A	M	J	J	A	S		O	N	D
Start Project 10/01/96							Electronic IFTA Credentials/Tax Reports					Electronic IRP Credential Submission			
Phase 1 - Planning							Phase 2					Phase 3			
<ul style="list-style-type: none">• Kickoff/Project Initiation• Scope Workshop• Architecture Development• Planning & Evaluation Workshop• Project Plan Preparation• In-state Planning Session							Credentials <ul style="list-style-type: none">• Electronic (EDI/VAN) Submission:<ul style="list-style-type: none">• IFTA Tax Report*Weight Mile Tax Report• Client/Server Installation - IFTA• Mainframe Installation - IRP• Electronic (CAT) Submission:<ul style="list-style-type: none">• IFTA credentials Roadside <ul style="list-style-type: none">• Complete transponder reader (AVI) and Weigh in Motion (WIM) install at 6 locations• Select Transponder Administrator• MAPS operational in OR, ID, & UT Safety <ul style="list-style-type: none">• Deploy pen base computers					Credentials <ul style="list-style-type: none">• Electronic (CAT) Submission and Renewal for IRP• Electronic (CAT) Renewal Processing for IFTA• Full Electronic (CAT) Processing for Intrastate and Tax Only Plates Roadside <ul style="list-style-type: none">• Complete transponder reader (AVI) and Weigh in Motion (WIM) install at 2 locations Safety <ul style="list-style-type: none">• None			

Oregon CVISN Pilot Phase Capability and Milestone Summary (Part II)

1998

J	F	M	A	M	J	J	A	S	O	N	D
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Electronic OS/OW Credential Submission	4	Client Server Implementation IRP	4	Full Electronic IRP Credential Processing
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Electronic OS/OW Credential Submission	4	Client Server Implementation IRP	4	Full Electronic IRP Credential Processing
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Electronic OS/OW Credential Submission	4	Client Server Implementation IRP	4	Full Electronic IRP Credential Processing
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Phase 4	Phase 5	Phase 6
<p>Credentials</p> <ul style="list-style-type: none"> • Full Electronic (CAT) Processing for: <ul style="list-style-type: none"> -IFTA Credentials <ul style="list-style-type: none"> ● OS/OW Permitting • Electronic (CAT) Submission and Renewal for IFTA Tax Reporting <p>Roadside</p> <ul style="list-style-type: none"> • Complete transponder reader (AVI) and Weigh in Motion (WIM) install at 4 locations • 8,333 transponders deployed <p>Safety</p> <ul style="list-style-type: none"> • None 	<p>Credentials</p> <ul style="list-style-type: none"> • Client/Server Installation - IRP <p>Roadside</p> <ul style="list-style-type: none"> • Complete transponder reader (AVI) and Weigh in Motion (WIM) install at 4 locations <p>Safety</p> <ul style="list-style-type: none"> • None 	<p>Credentials</p> <ul style="list-style-type: none"> • Full Electronic (CAT) Processing for Intrastate and Tax Only Plates <p>Roadside</p> <ul style="list-style-type: none"> • Complete transponder reader (AVI) and Weigh in Motion (WIM) install at 3 locations <p>Safety</p> <ul style="list-style-type: none"> • Upload/Download ASPEN/CVIEW • SAFETYNET reports

Oregon CVISN Pilot

Phase Capability and Milestone Summary (Part III)

1999												2000 & beyond											
J	F	M	A	M	J	J	A	S	O	N	D												
Implementation of Internet Applications 																							
Phase 7												Future - Post Prototype											
Credentials <ul style="list-style-type: none"> Full Electronic (Internet) Processing for: <ul style="list-style-type: none"> -IFTA Credentials .IFTA Tax Reports ● IRP Credentials *Intrastate and Tax Only Plates ● OS/OW Permitting *Weight Mile Tax Reporting Roadside <ul style="list-style-type: none"> Complete transponder reader (AVI) and Weigh in Motion (WIM) install at 3 locations 16,666 transponders deployed Safety <ul style="list-style-type: none"> None 												Credentials <ul style="list-style-type: none"> Increased carrier involvement Roadside <ul style="list-style-type: none"> TBD Transponder deployment equal to 14% of OR plated vehicles Safety <ul style="list-style-type: none"> TBD 											

Washington CVISN Pilot

Phase Capability and Milestone Summary (Part I)

1996			1997													
O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
						4										
Phase 1 - Planning						Phase 2						Phase 3				
<ul style="list-style-type: none">• Kickoff/Project Initiation• Scope Workshop• Architecture Development• Planning & Evaluation Workshop• Project Plan Preparation• In-state Planning Session						Credentials <ul style="list-style-type: none">• OS?OW Basic Permitting Application• (IRP Submission)• (IFTA Submission)• Carrier Involvement• Complete Feasibility Study Roadside <ul style="list-style-type: none">• None Safety <ul style="list-style-type: none">• None						Credentials <ul style="list-style-type: none">• OS/OW Interfaces DOL and Industry• (OS/OW Routing)• IRP Submission for Pilot• IFTA Submission for Pilot• Carrier Involvement• (Credentialing Interface)• Intrastate Registration by Providing USDOT #s• (Clearinghouse Interfaces)• (VISTA RS and TS Interfaces to CVIEW) Roadside <ul style="list-style-type: none">• DSRC/LPR at Ridgefield using ODOT's Database• Install Local CVIEW Server at Ridgefield Safety <ul style="list-style-type: none">• None				

Washington CVISN Pilot

Phase Capability and Milestone Summary (Part II)

1998											
J	F	M	A	M	J	J	A	S	O	N	D
Phase 4						Phase 5			Phase 6		
Credentials <ul style="list-style-type: none"> • OS/OW Interface with ODOT • OS/OW Routing • (IRP Electronic Processing including Temporaries) • (IRP Electronic Payment via EFT) • (IFTA Electronic Processing) • (IFTA Electronic Payment via EFT) • Clearinghouse Interfaces • VISTA RS and TS Interfaces to CVIEW Roadside <ul style="list-style-type: none"> • Screening IRP and IFTA at Ridgefield • SAFETYNET/AVALANCHE Interface • (Carrier Involvement) • (Transponder Issuance) • (Rewrite Oregon's MCIS Software) Safety <ul style="list-style-type: none"> • None 						Credentials <ul style="list-style-type: none"> • IRP Electronic Processing including Temporaries • IRP Electronic Payment all Methods • IFTA Electronic Processing • IFTA Electronic Payment all Methods Roadside <ul style="list-style-type: none"> • (Carrier Involvement) • (Transponder Issuance) • (Rewrite Oregon's MCIS Software) • DSRC/LPR at Ridgefield with DOL Database through ACCESS Safety <ul style="list-style-type: none"> • ASPEN/CVIEW Interface • (CVIEW Reporting) 			Credentials <ul style="list-style-type: none"> • IFTA Internet Credentialing • IRP Internet Credentialing Roadside <ul style="list-style-type: none"> • Carrier Involvement • Transponder Issuance • Rewrite Oregon's MCIS Software • Electronic Citations • Real Time Access to Safety Ratings Safety <ul style="list-style-type: none"> • MCN/SAFER Interface for real time safety rating • SAFETYNET Reports • Upload ASPEN/CVIEW • CVIEW Reporting 		

